



Please place a plus sign (+) inside this box — ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/045,701
Filing Date	January 11, 2002
First Named Inventor	John Swayer
Group Art Unit	3764
Examiner Name	Not assigned yet
Attorney Docket Number	P-9869.00

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
+		3472234		Tachick	10/14/69	
		3737579		Bolduc	6/5/73	
		3866615		Hewson	2/18/75	
		3333045		Fisher et al.	7/25/67	
		4000745		Goldberg	1/4/77	
		4010758		Rockland et al.	3/8/77	
		4235246		Weiss	11/25/80	
		4313448		Stokes	2/2/82	
		4357946		Dutcher	11/9/82	
		4424818		Doring	1/10/84	
		4177818		De Pedro	12/11/79	
		4452254		Goldberg et al.	6/5/84	
		5423872		Cigaina	6/13/95	
		5328442		Levine	6/12/94	
		5425751		Baeten et al.	607/28	
		5489294		McVenes et al.	607/120	
		5716392		Bourgeois et al.	607/132	
		5837006		Ocel et al.	607/127	
		5861014		Familoni	607/140	

AUG 06 2003
TECHNOLOGY CENTER R&D

RECEIVED

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴				
+			GB 1277107		6/7/72		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

Examiner Signature	<i>Joseph S. Miller</i>	Date Considered	6/22/04
-----------------------	-------------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard SL3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

⁷ Unique citation designation number.

⁸ Applicant is to place a check mark here if English language Translation is attached.

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(we as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/045,701
--------------------	------------

Filing Date	January 11, 2002
-------------	------------------

First Named Inventor	John Swoyer
----------------------	-------------

Group Art Unit	3764
----------------	------

Examiner Name	Not assigned yet
---------------	------------------

Attorney Docket Number	P-9869.00
------------------------	-----------

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	<i>J. L. Smith</i>	Date Considered	6/22/04
-----------------------	--------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

⁴ Unique citation designation number.⁷ See attached Kinds of U.S. Patent Documents.

¹ Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

¹⁰ Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number.

² Applicant is to place a check mark here if English language Translation is attached.